

Date: Thu, 10 Nov 94 02:38:31 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: List  
Subject: Info-Hams Digest V94 #1203  
To: Info-Hams

Info-Hams Digest                      Thu, 10 Nov 94                      Volume 94 : Issue 1203

Today's Topics:

Cavities?  
ICOM Repeater Questions  
Instant Track in a window (2 msgs)  
Line voltage in Australia  
Loss of RG214U cable at 1500M  
N9CUK  
R.S. 2 Meter Amplifie  
Returned mail: User unknown  
RS DX-390 Shortwave/AM/FM radio for sale  
Two-Line Orbital Element Set: Space Shuttle

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 9 Nov 1994 10:48:02 GMT  
From: clay@panix.com (Clay Irving)  
Subject: Cavities?

No, not in your teeth...

I was in Central Park on Sat, 05 Nov 1994 to help set-up net control for the  
New York City Marathon and I kept my eyes and ears open to learn something. In  
one of the communication trailers there were a half dozen or so 440  
transceivers. When they tested transmission, there was severe intermod. So, one  
of the volunteers trots out to his car and returns with several 'cavities' and  
a piece of test equipment. I was watching from the door of the trailer and it  
seems like what he did was tune the cavity to filter out the frequency from

Can someone give me a more detailed explanation of what they did?...

Clay Irving-(N2VKG)  
clay@panix.com  
New York, New York

marcbg@metronet.com (Marc B. Grant) writes:

```
>>      Anyone out there have an ICOM uhf repeater (IC-RP4020)? A
>> local group has one and is looking to add on other freatuies. At
>> present it is stock out of the box. Anybody added a different
>> controler? Remote inputs? what have you. Need some ideas from
>> others who have this repeater.
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>We've got an ICOM 2 meter repeater on our company club machine.  I have
>not been particularly happy with its performance, it doesn't have the
>world's greatest front end.  I'm use to Motorola machines or GE radios.
>The ICOM is fair at best.  If you're in a low RF noise environment, it
>probably will be OK.
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>As for interfacing to another controller, ours is interfaced to an ACC
>RC850. Not too difficult, just a few wires and then tweaking some audio
>levels.
```

>There are alot of other options for 440 repeaters. Perhaps one of the  
>best is to get a GE mobile radio or Motorola Micor for UHF and convert it  
>to a repeater. If you don't have someone technically inclined in your  
>group enough to do that, then take a look at Hamtronics, a company out of  
>NY. I know several groups that are pleased with their repeaters and they  
>cost A LOT less than the ICOM machines, and they have better customer  
>support. They're listed each month in QST.

I'd avoid Hamtronics and Spectrum if you have any kind of RF level at the site. Anything commercial - even Icom, Kenwood, and Johnson - are better. I'm building a UHF repeater right now with a Micor receiver and an Aerotron transmitter, and a Palomar Telecom RBC series controller. Ask the TRW Amateur Radio Club (LA Area) about their Spectrum... it had a few problems in the exciter and PA deck... it generated letters and visits from the FAA, FBI, LAPD, etc. It was replaced with a Master II.

If you go Motorola, look carefully at the specs for continuous power. The Micor series, for example, is limited to 35w continuous - which means that you need to find a 25w mobile. Save the 60 & 75w ones for your car...

OTOH, the GE Master II mobile is rated continuous duty at \_any\_ power level...

--  
Mike Morris    WA6ILQ    | All opinions must be my own since nobody pays  
PO Box 1130        | me enough to be their mouthpiece...  
Arcadia, CA. 91077    |  
ICBM: 34.12N, 118.02W | Reply to: morris@grian.cps.altadena.ca.us

-----  
Date: 9 Nov 1994 14:24:45 -0600  
From: Wayne\_Estes@csg.mot.com (Wayne\_Estes)  
Subject: Instant Track in a window

I want to switch Instant Track's full-screen display to a window (pressing Alt-Enter) and then retrieve data from my QRZ CD-Rom.

The Instant track display freezes as soon as I press Alt-Enter, before I even start the QRZ application. The computer tells me I need to modify a PIF file, but I haven't figured out what values to use in the PIF file editor.

Is there a way to make Instant Track run (real-time, not frozen) from a window in order to simultaneously use the QRZ retrieval program?

Wayne Estes WD5FFH        wayne@csg.mot.com

-----  
Date: 9 Nov 1994 18:28:58 -0600  
From: Tom\_Boza@ccm.ch.intel.com (Tom Boza)  
Subject: Instant Track in a window

Text item:

I had this same problem when using Instant Track within a Window and Alt-TABing to other applications. I found the problem to be with the default video driver which comes with MS Windows. I replaced my video card and driver with an ATI video accelerator in 1024x768x256 mode and the problem went away.

Tom WB7ASR...

I want to switch Instant Track's full-screen display to a window (pressing Alt-Enter) and then retrieve data from my QRZ CD-Rom.

The Instant track display freezes as soon as I press Alt-Enter, before I even start the QRZ application. The computer tells me I need to modify a PIF file, but I haven't figured out what values to use in the PIF file editor.

Is there a way to make Instant Track run (real-time, not frozen) from a window in order to simultaneously use the QRZ retrieval program?

Wayne Estes WD5FFH      wayne@csg.mot.com

Text item: External Message Header

The following mail header is for administrative use and may be ignored unless there are problems.

\*\*\*IF THERE ARE PROBLEMS SAVE THESE HEADERS\*\*\*.

Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Subject: Instant Track in a window  
To: rec-radio-amateur-misc@cs.utexas.edu, amsat-bb@amsat.org  
X-Mailer: Z-Mail (3.0.1 04apr94)  
Message-Id: <9411091424.ZM23997@SALCIUS2>  
From: Wayne\_Estes <Wayne\_Estes@csg.mot.com>  
Date: Wed, 9 Nov 1994 14:24:23 -0600  
Received: by SALCIUS2.csg.mot.com id AA23999  
    (5.65c/IDA-1.4.4 for amsat-bb@amsat.org); Wed, 9 Nov 1994 14:24:23 -0600  
Received: from SALCIUS2.csg.mot.com by pobox.mot.com with SMTP (5.67b/IDA-1.4.4/  
    id AA19705; Wed, 9 Nov 1994 14:24:41 -0600  
Received: from pobox.mot.com ([129.188.137.100]) by motgate.mot.com with SMTP (5  
    id AA23606; Wed, 9 Nov 1994 14:24:43 -0600  
Received: from motgate.mot.com by AMSAT.Org (8.6.4/amsat.1)  
    id MAA04421 to <amsat-bb@amsat.org>; Wed, 9 Nov 1994 12:28:32 -0800  
Received: from localhost by AMSAT.Org (8.6.4/amsat.1)  
    id UAA04424 to amsat-bb-dist; Wed, 9 Nov 1994 20:28:35 GMT  
Received: from AMSAT.Org by ormail.intel.com with smtp  
    (Smail3.1.28.1 #7) id m0r5MJR-000UgZC; Wed, 9 Nov 94 15:20 PST

Received: from ormail.intel.com by relay.jf.intel.com with smtp  
(Smail3.1.28.1 #2) id m0r5MJU-000txqC; Wed, 9 Nov 94 15:20 PST

-----  
Date: 8 Nov 1994 19:15:59 GMT  
From: John Woolner <johnwoolner@auslig.gov.au>  
Subject: Line voltage in Australia

> If the voltage in Australia is 230/240 vac, why can't you simply  
> split the circuit into two 115/120 vac circuits? ie. is the  
> voltage between a hot leg and ground 115/120 vac and the voltage  
> between each hot leg 230/240 vac?

>  
William,

Australia uses a three phase power distribution system, each phase  
120 degrees to each other and having a nominal voltage of 240V to the  
neutral (nominally at earth potential). Not every building will  
all three phases and neutral (415V supply - the voltage between  
phases) - most domestic installations and power points etc use one  
phase to neutral (i.e. 240V). The frequency of supply here is 50Hz  
but that should not be a real problem with most gear.

For US gear 240-115 Volt autotransformers are fairly readily  
available, and most hotels etc have wall fittings that will supply  
115v in US style sockets - but only enough juice for shavers etc.

Most European gear is no problem (being 220v) although I have been  
aware of some transformer supplies running hot because the extra 20v  
was pushing the transformer into saturation.

Finally most switchmode supplies (and for that matter a LOT of  
transformer supplies) can be readily changed from 115v to 240v  
usually by changing a jumper or a switch - as I said, normally the  
frequency change does not cause too many hassles.

-----  
John Woolner  
Australian Centre for Remote Sensing  
Canberra, ACT, Australia  
VK1ZAO

Email: JohnWoolner@auslig.gov.au  
Phone: +61-6-201-4122  
Fax: +61-6-251-6326

Packet - vk1zao@vk1bbs.act.aus.oc  
Amprnet - vk1zao@vk1zao.ampr.org  
-----

Date: Wed, 9 Nov 1994 19:03:54 GMT  
From: brunob@hpcc01.corp.hp.com (Bruno Bienenfeld)  
Subject: Loss of RG214U cable at 1500M

MHz	Nominal att/100' in dB
50	1.6
700	6.9
1000	8.9
1500	13.4
4000	21.5

from the log of AA6AD

-----  
Date: 10 Nov 94 08:38:00 GMT  
From: jonep@dg13.cec.BE (JONES Peter)  
Subject: N9CUK

Has anybody worked N9CUK recently, or perhaps knows him? The call book gives his name as Edwin Marlin of Evansville IN. The reason for my question will be clear when I sign myself

Pete Jones, ON9CUK

-----  
Date: Tue, 8 Nov 94 15:58:00 -0800  
From: john.hiatt@alley.com (John Hiatt)  
Subject: R.S. 2 Meter Amplifie

MDC>>Radio Shack most certainly DOES sell a VHF/UHF SWR meter. Check again.

MDC>If you're certain they're selling one, can you post a catalog number?  
MDC>My latest catalog doesn't show a VHF/UHF meter, and several local hams  
MDC>and an RS salesman have told me they stopped selling them about a year  
MDC>ago.

I picked up the last display model from the local store for \$10. I haven't seen them in stock since. I just figured they were discontinued. Perhaps they weren't selling enough....

---  
\* OLX 2.1 TD \* Backup not found: (A)bort (R)etry (P)anic

```
{=====}- {=====}  
| /_/_/  Origin   : Norton's Alley BBS \_\_\ |  
| \/_/\  Location: Hayden Lake, ID.   /\_\/ |  
| /_/_/  BBS      : (208) 772-6218    \_\_\ |  
{=====}- {=====}
```

-----  
Date: 10 Nov 94 07:10:35 GMT  
From: Mailer-daemon@students.wisc.EDU (Mail Delivery Subsystem)  
Subject: Returned mail: User unknown

----- The following addresses failed -----  
<djm0@hosp.wisc.edu>

----- Transcript of session follows -----  
>>> RCPT To:<djm0@hosp.wisc.edu>  
<<< 553 unknown or illegal user: djm0@uwmsg.hosp.wisc.edu  
550 <djm0@hosp.wisc.edu>... User unknown

----- Unsent message follows -----  
Return-Path: <info-hams@ucsd.edu>  
Date: Thu, 10 Nov 1994 01:10:35 -0600  
Message-Id: <199411100710.BAA30554@audumla.students.wisc.edu>  
X-Sender: hnelson@facstaff.wisc.edu  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: djm0@hosp.wisc.edu  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu> (by way of  
hnelson@facstaff.wisc.edu (Harvey A. Nelson))  
Subject: Info-Hams Digest V94 #1202  
X-Mailer: <PC Eudora Version 1.4>

got around to looking at it yet.)

Four people agreed about how ridiculous the 'Insert License Disk every time the system config changes' copy protection is (after all, your name, call, and address come up whenever you start Logic), and that it is the only program that they know that has this 'feature'.

Three people wondered how I could lose a disk that is needed all the time - easily. The program disks were nicely filed in the pocket in the manual. The license disk, last time I saw it, was sitting on top of the PC, left there after the last time Logic wanted it. It probably is now behind the fully loaded 6' bookcase or under the Vax.

The problem (for me) has been solved, since Dennis changed his mind and sent me a replacement license disk. I thank him for his support in this matter. However, I still don't like this copy-protection scheme. That is really a shame for such a good logging program.

73, and good luck in the contests.

/mike

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--
\|/      Michael L. Ardai      N1IST      Teradyne ATB, Boston MA
-*-----
/|\      ardai@maven.dnet.teradyne.com      n1ist@netcom.com
```

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Date: Wed, 9 Nov 1994 16:04:59 GMT
From: ve8ev@gov.nt.ca (John Boudreau)
Subject: non-sovereign DXCC "coountries"
```

In article <39onpm\$8v2@bashful.isi.com> jerry@bashful.isi.com (Jerry Gardner x323) writes:

>In article <9411071420.ZM25088@SALCIUS2> Wayne\_Estes@csg.mot.com  
(Wayne\_Estes) writes:

>>Is there a file that lists the criteria that were used to select each  
>>non-sovereign DXCC "country"?

>  
>

>It seems to depend more on the whims of the DXAC that anything I've  
>ever seen in writing. The very idea of a group of hams erecting  
>scaffolding on a rock barely visable at low tide in order to put a new  
>"country" on the air is a complete, pathetic, farce.  
>

Everyone gets too hung up on the word "country". Perhaps they should change it to "DXCC Areas" or "DXCC entities" and there would be a lot less arguing and confusion over this issue.

John - VE8EV

```
=====
John Boudreau VE8EV      INTERNET: ve8ev@amsat.org
Inuvik, NWT, CANADA      PACKET: VE8EV@VE8YEV.#INU.NT.CAN.NOAM
=====
```

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Date: Wed, 9 Nov 1994 18:16:39 GMT  
From: jdc@cci.com (James D. Cronin)  
Subject: Power Supply Survey!

I have a home-built supply. It consists of a 36-volt 25-amp center-tapped transformer with a 7812 regulator running 8 2N3055 pass transistors. It works OK with a 30 amp load, and stays reasonably cool.

I'd recommend building your own supply. It's a good educational experience, and you can find everything you need to know in the ARRL Handbook.

73...Jim N2VNO

-----  
Date: 8 Nov 1994 20:10:07 -0500  
From: tomsunman@aol.com (TOM SUNMAN)  
Subject: Procedure for calling Mir/Shuttle help needed

Hello. I'm a new ham and I'm VERY interested in trying to contact Mir and the shuttle (when sarex is used of coarse!). My question is, what is the PROPER procedure for calling these craft? Is it a regular call (their callsign then "this is" my callsign)? Maybe "shuttle atlantis" (or whichever) "this is my callsign"? I want to make sure I do it properly.

I have an HT and I understand they can work but I may need higher power and a better antenna to increase my chances. I know the uplink is 145.550, I suppose I need to switch to the downlink after I make my call to hear their response. What is the downlink frequency? Any help on getting me started on these contacts would be appreciated. My license should be here in about 5 weeks so I've got some time to learn what I need to know. Thanks!

73's

Tom Randall

-----  
Date: Wed, 9 Nov 1994 19:56:27 GMT  
From: edlawson@netcom.com (Ed Lawson)  
Subject: Tele-Path Communications

I don't have their number but they are in Fremont (southbay SF). Call ac 415 info.

Ed Lawson, KD5EZ Austin, TX (new home of GWB (Jr.))

Matthew Zilmer (&) (zilmer@jingluo.dt.wdc.com) wrote:

: A few days ago, someone posted a phone number for an outfit  
: called Tele-Path Communications. I had it as 800-292-1700.  
: From here in Irvine, CA. I get a recording saying the number  
: cannot be reached from this area.

: Does anyone have another phone number for Tele-Path?

: TNX es 73  
: Matt Zilmer, WA6EGJ  
: zilmer@dt.wdc.com

--

edlawson@netcom.com

KD5EZ, Austin

\*\*\*\*\*

-----  
Date: 9 Nov 1994 21:04:18 GMT  
From: Richard Matthews <Richard\_Matthews@SHSVSMTP.Huntsville.Sparta.Com>  
Subject: Upcoming Southeastern US Hamfest??

Is there a data base, or could someone post or E-mail to me a list of  
upcoming Hamfests in the Southeastern US. Large or small, I don't  
care. Winter and spring dates of fest would be nice.

TIA

Richard, WA4NWW

-----  
Date: 9 Nov 1994 15:21:56 -0500  
From: mc@shore.net (Michael Crestohl)  
Subject: What's your favorite key?

In article <CyzC1D.FsF@vectorbd.com>, <rkm@vectorbd.com> wrote:  
>Hello, all:

>  
> Since XMas is coming up (:-) I'm looking for recommendations on keys -  
>both paddles and bugs. Any suggestions on what your preferred key is,  
>for around \$100.00? I'm currently using a set of cheapie MFJ paddles,

>but have been looking at the Vibroplex offerings, as well as those by  
>Jones, etc.

>

>Thanks!

> - Rich

>

The Bencher is a pretty nice piece of work, also the Vibroplex bugs and  
keyer paddles.

73,

Michael KH6KD/W1

Election Day in Massachusetts: "Vote Early and Often!"

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Date: 9 Nov 1994 16:06:53 GMT

From: gbrown@unlinfo.unl.edu (gregory brown)

References<pw9Wrhr.wcoyle@delphi.com> <Cyxzsv.1E4@hpqmoea.sqf.hp.com>,  
<xW3Xr75.wcoyle@delphi.com>

Subject: Re: Maws Coad and Spelinge

wcoyle@delphi.com wrote:

: The only thing that bothers me is that he comes off like he has  
: NO pre formed ideas about anyone. If his point is to make us  
: think about our on lack of tolerance, why does he have do  
: demonstrate his own lack of it??

:

: 73

: Wcoyle@delphi.com

: N30GH

How one "comes off", like beauty, is often in the eye (or mind) of the  
beholder. These days, it seems, hypersensitivity is rampant.  
Personally, I would choose to reserve my energy for responding to those  
cases where the \_intent\_ showed malice. Taking one's self (or others,  
for that matter) more seriously than warranted is self destructive.

Greg

WB0RTK

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Date: 8 Nov 1994 22:13:42 GMT

From: Joe Herman <slammy@chop.isca.uiowa.edu>

References<784094212-0-56004@ns1.CC.Lehigh.EDU>

<clay.1419.2EBCB194@panix.com>, <n1istCyyvo7.9x2@netcom.com>

Reply-To: slammy@chop.isca.uiowa.edu

Subject: Re: NYC MARATHON

I was always under the impression that during a net - as long as you identify your callsign once every 10 mins and at the end of your QSO - you don't have to use callsigns all the time - and using tactical callsigns probably makes more sense - so that people know \_who\_ you are, ie. what your job is.

BTW, my license came th day after the marathon - so I couldn't have participated in any nets anyway. [waiting time approx. 8 weeks BTW]

73 DE KB2SFT

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- Joseph Herman                |Thought is useless unless accompanied by action-
- herman@yu1.yu.edu            |Action is useless unless preceeded by thought -
- a196@lehigh.edu              |
- slammy@chop.isca.uiowa.edu    |EMT, postpunk, ham radio, fencing, 'blades -
-----
```

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Date: 10 Nov 1994 01:31:43 GMT

From: jgervais@weber.ucsd.edu (Joe Gervais )

References<784300462snz@microvst.demon.co.uk> <x4xUD34.wcoyle@delphi.com>,  
<39qoej\$ic5@news.iastate.edu>

Subject: Ham Licensing (was Maws Coad and Spelinge)

In article <39qoej\$ic5@news.iastate.edu> wjturner@iastate.edu (William J Turner) writes:

>In article <x4xUD34.wcoyle@delphi.com> wcoyle@delphi.com writes:

>> My ideas on Morse Code, well I think the code requirement  
>>is in fact, a good thing. I understand that some people do not  
>>desire to learn the code, but as someone further back said, I  
>>had no need to learn about space communications, but it was on  
>>the test.

>

>Do you believe morse code should continue to have a "veto status" over  
>all other modes? For instance, you did not need to learn about space  
>communications, even though it was on the written test. You could have  
>passed the tests without getting a single question about space

>communications right. This is not true of morse code.

Actually I always thought that a good method of licensing amateur radio operators would be to present them with a set of components and some tools. Then have them build a small xmitter/rcvr. Nothing fancy, just a \*very\* basic circuit or three that would produce RF for a frequency counter, then check the signal with an oscilloscope. Wouldn't have to be perfect of course, but crudely functional. There would be dozens of possible part combinations handed out, all with the potential to build different xmit/rcv circuits.

Then add in the written test and the minimum code.

Could I pass this test now? No, I'm just starting in homebrewing. But we all know there's a big difference between book knowledge and applying the Smoke Test to a project. I think it would work quite well. More expensive to administrate, but worth it. I believe some countries use to do it this way, may still today.

So what do you think? Should I be donning asbestos underwear? :)

73 de KD6PRD,

-Joe

"QRP means never having to tell the neighbors you're sorry."

-----

Date: Tue, 8 Nov 94 20:40:08 -0500  
From: wcoyle@delphi.com

References<39779u\$9d3@gerald.cc.utexas.edu> <PW9Wthr.wcoyle@delphi.com>,  
<784300462snz@microvst.demon.co.uk>  
Subject: Re: Maws Coad and Spelinge

Very good, very good. I like the fact that we could discuss Ham radio, and ONLY ham radio, not politics, well said, OM.

My ideas on Morse Code, well I think the code requirement is in fact, a good thing. I understand that some people do not desire to learn the code, but as someone further back said, I had no need to learn about space communications, but it was on the test. I think that by keeping the code test in place, we

expand the diversity of signal types and operations on the bands. I, like a lot of folks who had to learn code to pass anything higher than a NC tech, really HATED the code at first (and I mean I really hated it). Then, for some reason, I decided to give actual code operations a try and found I really enjoyed it. So much that most of my QSO's are code. For some reason, I feel I derive a greater sense of satisfaction from a code QSO because it takes a bit more planning and effort. I've also found that the ops are a lot less likely to be insulting and rude (it's kinda hard to be obscene using the code, unlike voice, where you tend to blurt things out).

As for my thoughts on a key choice, I like an Iambic paddle. I think using a straight key is just torture. It may help to build your recognition of proper spacing, but I feel that enough copy practice can do this also.

-----  
Date: 9 Nov 1994 15:04:51 GMT  
From: wjturner@iastate.edu (William J Turner)

References<pw9Wrhr.wcoyle@delphi.com> <784300462snz@microvst.demon.co.uk>,  
<x4xUD34.wcoyle@delphi.com>  
Subject: Re: Maws Coad and Spelinge

In article <x4xUD34.wcoyle@delphi.com> wcoyle@delphi.com writes:  
> My ideas on Morse Code, well I think the code requirement  
> is in fact, a good thing. I understand that some people do not  
> desire to learn the code, but as someone further back said, I  
> had no need to learn about space communications, but it was on  
> the test.

Do you believe morse code should continue to have a "veto status" over all other modes? For instance, you did not need to learn about space communications, even though it was on the written test. You could have passed the tests without getting a single question about space communications right. This is not true of morse code.

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End of Info-Hams Digest V94 #1202  
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Date: 9 Nov 1994 22:06:17 -0500  
From: sterriitt@gecko.mrj.com (Chris Sterriitt)

Subject: RS DX-390 Shortwave/AM/FM radio for sale

Hello,

I'd like to sell my Radio Shack DX-390 radio. It works perfectly, and has for nearly two years; I'm selling it because I got a better radio. It's the same model as the Sangean ATS-818.

I'd like to get \$130 for it, or the best offer I get. I'll pay shipping and handling.

--chris sterriitt  
sterriitt@mrj.com

-----  
Date: 9 Nov 94 00:11:38 GMT  
From: tkelso@afit.af.mil (TS Kelso)  
Subject: Two-Line Orbital Element Set: Space Shuttle

From: tkelso@afit.af.mil (TS Kelso)  
Subject: Two-Line Orbital Element Set: Space Shuttle  
Date: 9 Nov 94 00:11:38 GMT  
Organization: Air Force Institute of Technology  
Message-Id: <tkelso.784339898@eel>

The most current orbital elements from the NORAD two-line element sets are carried on the Celestial BBS, \*(205) 409-9280\*, and are updated daily (when possible). Documentation and tracking software are also available on this system. As a service to the satellite user community, the most current elements for the current shuttle mission are provided below. The Celestial BBS may be accessed 24 hours/day at 300, 1200, 2400, 4800, or 9600 bps using 8 data bits, 1 stop bit, no parity.

Element sets (also updated daily), shuttle elements, and some documentation and software are also available via anonymous ftp from archive.afit.af.mil (129.92.1.66) in the directory pub/space.

STS 66

1	23340U	94073A	94312.25000000	-.00000910	10343-4	70863-5	0	223
2	23340	56.9908	176.8638	0015656	294.8724	174.1298	15.91476332	721

1994073B

1	23341U	94073B	94311.91705109	.00250327	33662-4	77139-3	0	79
2	23341	56.9917	178.4041	0010888	284.8994	75.0810	15.91343261	675

--

Dr TS Kelso  
tkelso@afit.af.mil

Adjunct Professor of Space Operations  
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Date: Wed, 9 Nov 1994 10:40:47 GMT  
From: clay@panix.com (Clay Irving)

References<784094212-0-56004@ns1.CC.Lehigh.EDU> <clay.1419.2EBCB194@panix.com>,  
<n1listCyyvo7.9x2@netcom.com>  
Subject: Re: NYC MARATHON

In article <n1listCyyvo7.9x2@netcom.com> n1list@netcom.com (Michael L. Ardai)  
writes:

>Was I the only one who noticed that people weren't ID'ing on the nets?  
>I listened to a few 440 nets, and everyone was either using tactical calls  
>or the suffix of their callsign. Here in Boston, we allways (most of the  
>time :-) give our callsign as part of handing it back to net control after  
>the last transmission in an exchange...

We were instructed to use tactical callsigns -- For example, I worked Mile 16  
at the 59th Street Bridge. We had people on the bridge, the ramp, the base  
station (inside the bridge) and the water station on 1st Avenue. Our tactical  
calls on the Mile 16 2m Simplex were '16 Bridge', '16 Ramp', '16 Base' and '16  
Water', respectively. I worked the medical net for Mile 16 and I always  
contacted net control as 'Mile 16' or simply '16'. These procedures definitely  
made operations \*much\* easier!

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-./--Clay Irving-(N2VKG) \-----/-----/-----/-----/-----/-----/-----/-----/-----/-----  
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